

JC20 Rec'd PCT/PTO JUL 2005

US National Stage of
International Application No:

PCT/GB2004/000115

International Filing Date: January 9, 2004

Title: Data Input System

Inventor: Michael Anthony William Prior

Assignee: Action Information Technologies Limited

US Filing Date: _____

COMMENTS ON THIS U.S. NATIONAL STAGE FILING

1. The ISA felt that 2 inventions were claimed in the international application, and performed an international search on invention 1. The applicant did not pay for an additional search to cover invention 2. Claim 12 was the only claim to invention 2. Claim 12 is cancelled in the enclosed preliminary amendment. All claims that are current after the enclosed preliminary amendment are within the scope of the international search covering invention 1.

2. The international publication WO 2004/063833 A2 omitted drawings sheet 12/14 (FIG 14A), which was originally filed in the international application. The British patent attorney, Ken Targett, has requested correction by the IB. His request letter is enclosed. All 14 drawing sheets as originally filed in the international application are enclosed.

OTHER ENCLOSURES:

- Form PCT/IB/308
- International invitation and partial search report
- Letter from British patent attorney to IB requesting correction of omission
- Drawing sheets 1 - 14 of 14 as originally filed in international application

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/000115

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F3/023

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06F H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 953 541 A (KING ET AL) 14 September 1999 (1999-09-14)	1-7, 9-11, 13-16, 20,21 8
A	column 5, line 34 - column 6, line 40 column 27, line 61 - column 28, line 3 column 28, lines 48-50 column 31, lines 28-36 column 32, line 47 - column 33, line 41 figures 8B-8D	
X	US 5 984 548 A (WILLNER ET AL) 16 November 1999 (1999-11-16) abstract; figures 1,2 column 2, lines 20-41 column 3, lines 1-25 column 4, lines 41-54	1,2,5-7, 10,11,16

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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"Z" document member of the same patent family

Date of the actual completion of the international search

22 June 2005

Date of mailing of the international search report

01.07.05

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/000115

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>US 3 967 273 A (KNOWLTON ET AL) 29 June 1976 (1976-06-29)</p> <p>abstract; figures 1,2 column 4, lines 25-50 column 4, line 66 - column 5, line 47 column 6, lines 35-52 column 8, lines 44-65 column 9, line 33 - column 10, line 11 -----</p>	<p>1-7, 9-11,13, 14,16,21</p>
X	<p>WO 00/44014 A (LEVY, DAVID, H) 27 July 2000 (2000-07-27) abstract figures 1a,1b,2,7a,25A-29 page 12, lines 16-29 page 20, line 22 - page 22, line 12 -----</p>	<p>17-19</p>

INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB2004/000115

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
1-11, 13-21

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-11,13-21

directed towards a data input apparatus that comprises
(i) option selection means and direction selection means,
which when used in combination determine a letter of the
alphabet that is to be input into the attached device
(ii) various specific embodiments of the option and
direction selection means, such as manually operable
elements, touch sensitive surfaces, and further keys placed
inbetween a matrix of numeric keys.

2. claim: 12

directed towards a data input apparatus that comprises
(i) option selection means and direction selection means,
which when used in combination determine a letter of the
alphabet that is to be input into the attached device
(iii) a specific layout of the vowels of the alphabet

INTERNATIONAL SEARCH REPORT

International Application No
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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			BR 9807002 A 07-08-2001
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